

**METHOD TO MAINTAIN ORDER BETWEEN MULTIPLE QUEUES WITH  
DIFFERENT ORDERING REQUIREMENTS IN A HIGH FREQUENCY SYSTEM**

**ABSTRACT**

5       A method, an apparatus, and a computer program are provided for managing commands in a multi-queue system. Depending on the types of queues that are utilizes, there can be difficulties in managing the order of execution of commands. To alleviate this problem, dependencies and  
10 identifiers are associated with each command that allow command queues in the entire multi-queue system to monitor the status of all commands.